Micron DDR5 DRAM fuels performance

Unleashing the memory bandwidth to turn massive data sets into insights

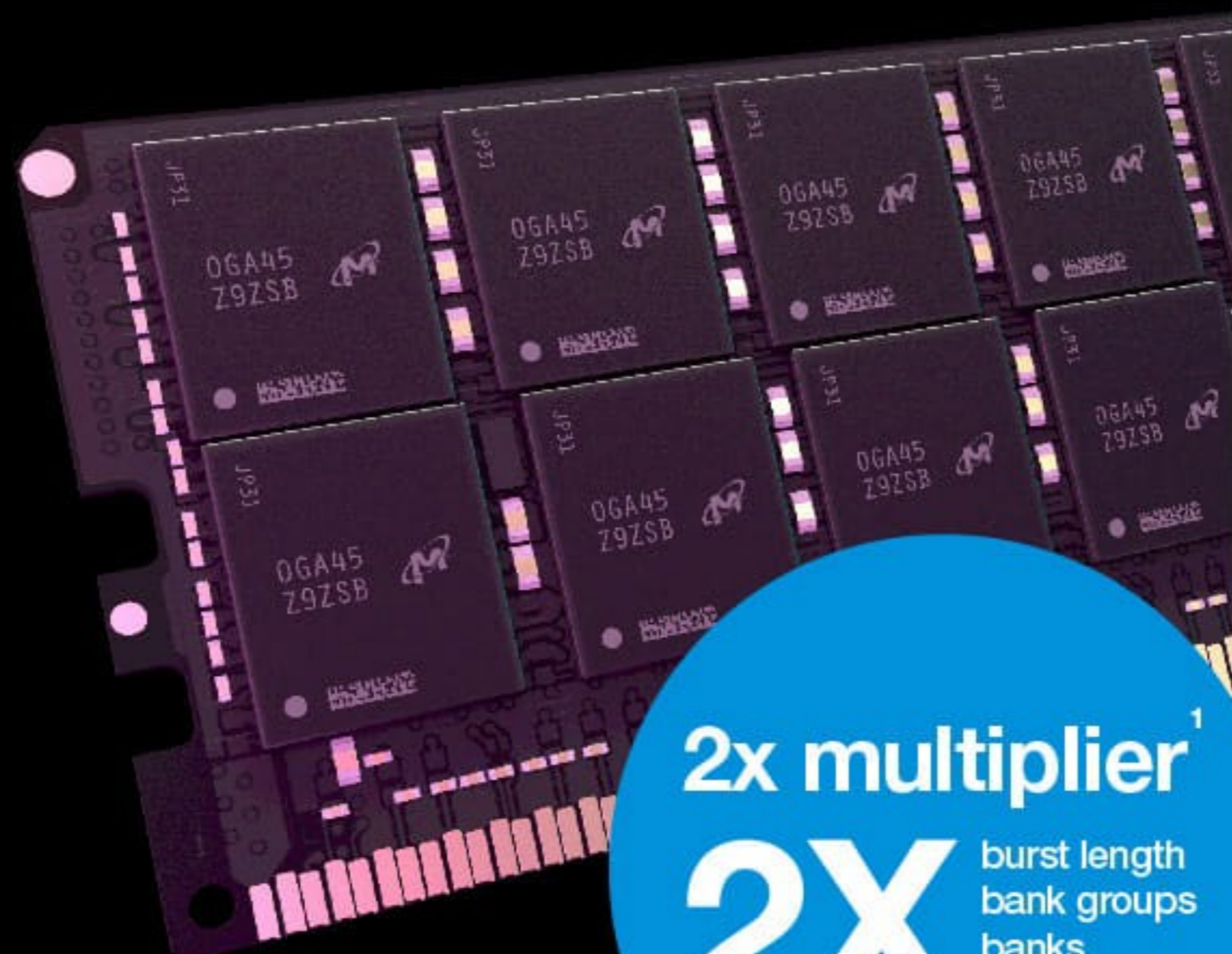⊙ **RAS**
On-die error correction code (ODECC)

⊙ **DFE**
Decision feedback equalization for signal integrity at higher data rates

⊙ **Capacity**
96GB RDIMM

2x multiplier[1]
2X burst length
bank groups
banks
bandwidth*

* 2x or higher

Footnote: [1] Feature and benchmark test comparison of DDR5 vs DDR4.
[2] Based on defined JEDEC specification.
[3] Results based on HPC workload benchmarks for OpenFOAM, Cloverleaf, CP2K, WRF, POT3D.

Improving overall performance[1]

Database tables
SAP SD 43% ↑

High-performance computing
**Multiple workloads[3]
>200% ↑**

Business analytics
SPECjbb® 48% ↑

DDR5 MEMORY BENEFITS

Higher bus efficiency
Greater than 36%[1]

Increased performance
More than 2x[1]

Faster transfer speed
Up to 8800 MT/s[2]

Micron